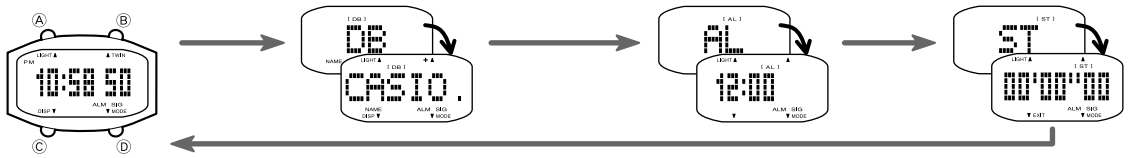
2. OPERATION CHART : QW-1634 / 1635

GENERAL GUIDE

- **If the digital display of your watch is continually changing, see "AUTO DISPLAY FUNCTION" for information on how to stop it.**
- Press Ⓓ to change from mode to mode.
- In any mode, press Ⓐ to illuminate the display for about two seconds.
- Display text appears either as black-on-white or white-on-black, depending on the model of your watch. All sample displays in this manual are shown as black-on-white.

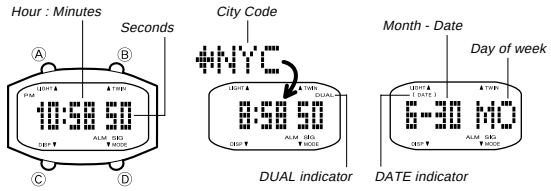
Timekeeping Mode → **Data Bank Mode** → **Alarm Mode** → **Stopwatch Mode**



TIMEKEEPING MODE

In the Timekeeping Mode you can view the current time and current date for your home time zone, as well as the current time in one other time zone.

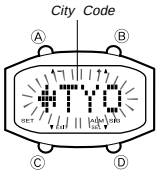
Home Time **Dual Time** **Date**



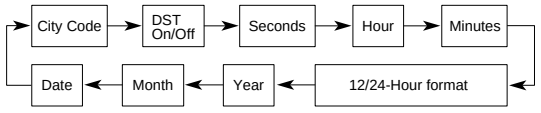
- You can separately specify one of 40 cities around the world for your Home Time and Dual Time. See the "CITY CODE TABLE" at the back of this manual for a list of available time zones.
- To switch between the Home Time and Dual Time screens, hold down Ⓑ for about two seconds. The **DUAL** indicator remains on the display in all modes while the Dual Time screen is selected.
- Pressing Ⓑ while the Home Time screen is on the display shows the city code of the Dual Time, followed by the current time in that city. After a few moments, the display changes back to the Home Time Screen. Pressing Ⓑ while the Dual Time screen is on the display momentarily shows the Home Time city code and then time.
- To display the Date screen, press Ⓒ. The Home Time date appears if Ⓒ is pressed while the Home Time screen is displayed, while the Dual Time date appears if Ⓒ is pressed while the Dual Time screen is displayed. In either case, the display changes back to the time screen after a few moments.
- Whenever you enter the Timekeeping Mode, the display first shows the city code (for either the Home Time or Dual Time, depending on what screen was on the display the last time you left the Timekeeping Mode), and then the current time in that city.

To set the time and date

Times and dates are linked, so changing the setting for any time zone (city) automatically changes the setting for all other time zones. The following time and date setting procedure is explained using the Home Time screen, but you can also change settings using the Dual Time screen. See "To select a city code" for details on selecting a time zone for the Home Time and Dual Time screens.



1. In the Timekeeping Mode, hold down Ⓑ until the Home Time Screen appears.
2. Hold down Ⓒ until the city code starts to flash. The city code flashes because it is *selected*.
3. Use Ⓐ and Ⓑ to scroll through the city codes until you find the one you want to set as your home city.
   - Ⓑ scrolls forward, while Ⓐ scrolls back through city codes. Holding down either button scrolls through the city codes at high speed.
   - See the "CITY CODE TABLE" at the back of this manual for a complete list of available codes.
4. Press Ⓓ to change the selection in the sequence below.
   - See "To switch between standard time and daylight saving time" for details on DST On/Off setting.



5. While the seconds digits are selected (flashing), press Ⓑ to reset the seconds to AA. If you press Ⓑ while the seconds count is in the range of 30 to 59, the seconds are reset to AA and 1 is added to the minutes. If the seconds count is in the range of 00 to 29, the minutes count is unchanged.
6. While hour, minutes, year, month, or date is selected (flashing), press Ⓑ to increase the number or Ⓐ to decrease it. While the 12/24-hour setting is selected, press Ⓑ to switch between the two formats.
   - Holding down either button changes the current selection at high speed.
   - When the 12-hour format is selected, the BCL indicator appears on the display. With the 12-hour format, the **PM** indicator appears on the display to indicate "p.m." times. There is no indicator for "a.m." times. Selecting the 24-hour format causes the CZL indicator to appear on the display.
7. After you set the time and date, press Ⓒ to return to the Timekeeping Mode (Home Time screen).
   - The day of the week is automatically set in accordance with the date.
   - The date can be set within the range of January 1, 1995 to December 31, 2039.
   - If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the watch goes back to the Timekeeping Mode automatically.

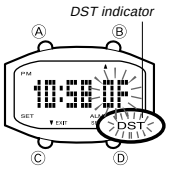
To select a city code

1. In the Timekeeping Mode, hold down Ⓑ for about two seconds to display the Dual Time screen.
   - The Dual Time screen is the one with the **DUAL** indicator.
   - If you want to change the Home Time city code, display the Home Time screen instead of the Dual Time screen.
2. Hold down Ⓒ until the city code starts to flash.
3. Use Ⓐ and Ⓑ to scroll through the city codes until you find the one you want to set.
   - Ⓑ scrolls forward, while Ⓐ scrolls back through city codes. Holding down either button scrolls through the city codes at high speed.
   - See the "CITY CODE TABLE" at the back of this manual for a complete list of available codes.
4. After you select a city code, press Ⓒ to return to the Timekeeping Mode.

To switch between standard time and daylight saving time

Daylight Saving Time (DST), which is also sometimes called "summer time," advances the time for one hour, as is the custom in some areas during the summer. Remember that not all countries or even local areas use Daylight Saving Time.

1. In the Timekeeping Mode, use Ⓑ to display the time screen (Home Time or Dual Time) whose Daylight Saving Time setting you want to change.
2. Hold down Ⓒ until the city code starts to flash.



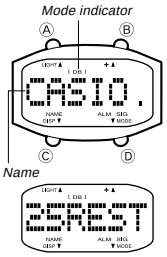
3. Use Ⓓ to select the DST On/Off setting.
   - The **DST** indicator flashes along with the current on (AN)/off (Af) setting.
4. Press Ⓑ to toggle Daylight Saving Time on and off.
5. After you are finished making the setting you want, press Ⓒ to return to the Timekeeping Mode.
   - The **DST** indicator appears on the display to indicate that daylight saving time is turned on.
   - The daylight saving time setting you make is applied only to the time (Home Time or Dual Time) whose screen is on the display when you start the above procedure. You have to make separate settings for Home Time and Dual Time.

About the backlight

In any mode, press Ⓐ to illuminate the display for about two seconds.

- The portion of the display illuminated by the backlight depends on the watch model. With some models, smaller indicators may not be made visible by backlight illumination. Be especially careful when checking the Home Time and Dual Time indicators.
- The backlight of the watch employs an electro-luminescent (EL) light, which loses illuminating power after very long use.
- The illumination provided by the backlight may be hard to see when viewed under direct sunlight.
- The watch will emit an audible sound whenever the display is illuminated. This is caused by a transistor that vibrates when the EL panel lights up. It does not indicate malfunction of the watch.
- The backlight automatically stops illuminating whenever an alarm sounds.

DATA BANK MODE

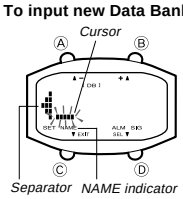


[Remaining Memory Screen]

The Data Bank Mode lets you store up to 30 pairs of name and telephone number data. Data is automatically sorted based on the characters of the name. You can recall data by scrolling through it on the display.

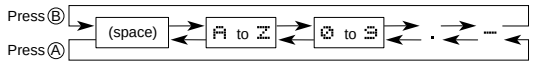
- See the "CHARACTER LIST" at the back of this manual for details on how the watch sorts data.
- The Remaining Memory Screen appears when there is no data stored in memory, or when you scroll to the location between the last and the first data items stored in memory.
- The name screen of the data item on the display when you exit the Data Bank Mode appears first the next time you enter the Data Bank Mode.
- If you do not operate any button for a few minutes while in the Data Bank Mode, the watch automatically goes back to the Timekeeping Mode.

To input new Data Bank data



1. In the Data Bank Mode, press Ⓑ until the remaining memory screen appears.
   - If the message FULL appears on the display, it means that memory is full. To store more data, you will first have to delete some of the data stored in memory.
2. Hold down Ⓒ until the flashing cursor appears on the display.
   - A separator is input automatically between the last character and the first character of the data.
   - The **NAME** indicator appears when the cursor is currently located in the text field.

3. Use Ⓐ and Ⓑ to change the character at the cursor position in the text field. The character changes in the following sequence.



- Holding down either button changes the character at high speed.

4. When the character you want is at the cursor position, press Ⓓ to move the cursor to the right.
5. Repeat steps 3 and 4 until your text is complete.
- You can input up to eight characters in the text field.

6. After you input a name, use Ⓓ to move the cursor to the number field.
- The **NAME** indicator is cleared and the **TEL** indicator appears when the cursor is in the number input field.
- You can input up to eight characters for the name. After you input the eighth character, pressing Ⓓ causes the cursor to jump to the first digit of the number.
- You can input up to 12 digits for the number. After input the twelfth digit, pressing Ⓓ causes the cursor to jump back to the first character of the name.

7. Use Ⓐ and Ⓑ to change the character (space, number, or hyphen) at the cursor position in the number field. The character changes in the following sequence.

- Holding down either button changes the character at high speed.

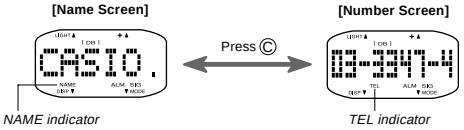
8. When the character you want is at the cursor position, press Ⓓ to move the cursor to the right.
9. Repeat steps 7 and 8 until you complete number input.
- You can input up to 12 digits in the number field.

10. After inputting your data, press Ⓒ to store it.
- When you press Ⓒ to store data, the watch takes a few seconds to sort memory data. After the sort operation is complete, the watch returns to the normal Data Bank Mode (without the cursor).
- Unused spaces at the end of the name and number fields are automatically filled in with " t " whenever the number of characters you input in these fields is less than the allowable maximum (8 characters for the name, 12 digits for the number). These filler characters also appear on the display whenever you recall data.
- If you do not perform any button operation for a few minutes while the cursor is on the display, the watch automatically returns to the normal Data Bank Mode (without the cursor).

To recall Data Bank data

1. In the Data Bank Mode, press Ⓑ to scroll through stored data items.
- Holding down Ⓑ scrolls through the data at high speed.
- Only name data appears when you are scrolling through stored data items.

2. Press Ⓒ to toggle the screen between the name and number data.



- The name and number scroll from right to left on the screen. A separator (<) is inserted between the last character and first character of the data.

To edit Data Bank data items

1. In the Data Bank Mode, scroll through the data items and display the one you want to edit.
2. Hold down Ⓒ until the first character of the name starts to flash on the display.
3. Use Ⓓ to move the flashing to the character you want to change.
4. Use Ⓐ and Ⓑ to change character.
- For details on inputting characters, see "To input new Data Bank data" (steps 3 for name input and 7 for number).

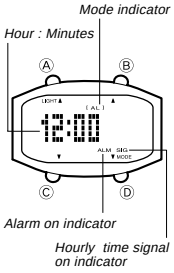
5. After making the changes that you want, press Ⓒ to store them and return to the Data Bank Mode.

To delete Data Bank data

1. In the Data Bank Mode, scroll through the data items and display the one you want to delete.
2. Hold down Ⓒ until the first character of the name starts to flash on the display.
3. Press Ⓐ and Ⓑ at the same time to delete the data item.
- At this time the cursor appears on the display, ready for input.

4. Input data or press Ⓒ to return to the Data Bank Mode.

ALARM MODE



When the Daily Alarm is turned on, the alarm sounds for 20 seconds at the preset time each day. Press any button to stop the alarm after it starts to sound.
When the Hourly Time Signal is turned on, the watch beeps every hour on the hour.
- The alarm sounds whenever the time displayed in the Timekeeping Mode reaches the alarm time and the Hourly Time Signal sounds at the top of each hour, regardless of whether you are using the Home Time screen or Dual Time screen.
- Note that switching between the Home Time and Dual Time screen in the Timekeeping Mode has no effect on the Daily Alarm time setting. If you set an alarm time of 4:00 pm for your Home Time and then change to the Dual Time screen, the Daily Alarm will start to sound when the Dual Time reaches 4:00 pm.

To set the alarm time

1. Hold down Ⓒ while in the Alarm Mode until the hour digits start to flash on the display. The hour digits flash because they are *selected*.
- This operation will turn the Daily Alarm on automatically.

2. Press Ⓓ to change the selection in the following sequence.

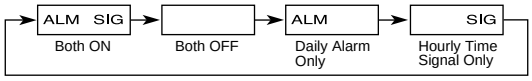
3. Press Ⓑ to increase the selected digits or Ⓐ to decrease them. Holding down either button changes the selection at high speed.
- The format (12-hour and 24-hour) of the alarm time matches the format you select for normal timekeeping.
- When setting the alarm time using the 12-hour format, take care to set the time correctly as morning (no indicator) or afternoon (**PM**).

4. After you set the alarm time, press Ⓒ to return to the Alarm Mode.
- If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the watch goes back to the Alarm Mode automatically.

To turn the Daily Alarm and Hourly Time Signal on and off

Press Ⓑ while in the Alarm Mode to change the status of the Daily Alarm and Hourly Time Signal in the following sequence.

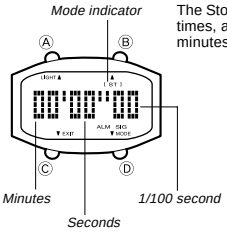
[Alarm ON Indicator/Hourly Time Signal ON Indicator]



To test the alarm

Hold down Ⓑ while in the Alarm Mode to sound the alarm.

STOPWATCH MODE



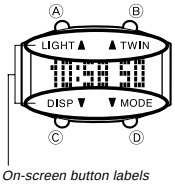
The Stopwatch Mode lets you measure elapsed time, split times, and two finishes. The range of the stopwatch is 59 minutes, 59.99 seconds.

(a) Elapsed time measurement

(b) Split time measurement

(c) Split time and 1st-2nd place times

AUTO DISPLAY FUNCTION



The Auto Display function of this watch continually changes the contents of the digital display. Note that you cannot use any of the watch's other functions (except for backlight) while the Auto Display function is operating.

To turn the Auto Display off

Hold down Ⓓ for about three seconds until the watch beeps.

To turn Auto Display on

Hold down Ⓓ for about three seconds until the watch beeps.

Note

The Auto Display function cannot be performed while you are making settings (i.e. while digits or other settings are flashing on the display).

About On-screen Button Labels

This watch features on-screen button labels that indicate the function of each button. You can use the following procedure to turn these labels on and off.

To turn on-screen button labels on and off

While the Auto Display function is turned on, press Ⓒ to toggle the on-screen button labels on and off.
- The on-screen button label setting you select remains in effect even when you turn off the Auto Display function.

CITY CODE TABLE

City Code	City	GMT differential
ADL	ADELAIDE	+9.5
ANC	ANCHORAGE	–09
BER	BERLIN	+01
BKK	BANGKOK	+07
CAI	CAIRO	+02
CCS	CARACAS	–04
CHI	CHICAGO	–06
DAC	DHAKA	+06
DEL	DELHI	+5.5
DEN	DENVER	–07
DXB	DUBAI	+04
GUM	GUAM	+10
HKG	HONG KONG	+08
HNL	HONOLULU	–10
IST	ISTANBUL	+02
JED	JEDDAH	+03
JRS	JERUSALEM	+02
KBL	KABUL	+4.5
KHI	KARACHI	+05
LAX	LOS ANGELES	–08
LON	LONDON	+00
MEX	MEXICO CITY	–06
MIA	MIAMI	–05
MIL	MILAN	+01
MLE	MALE	+05
NOU	NOUMEA	+11
NYC	NEW YORK	–05
PAR	PARIS	+01
PPG	PAGO PAGO	–11
RGN	YANGON	+6.5
RIO	RIO DE JANEIRO	–03
ROM	ROME	+01
SEL	SEOUL	+09
SFO	SAN FRANCISCO	–08
SIN	SINGAPORE	+08
SYD	SYDNEY	+10
THR	TEHRAN	+3.5
TYO	TOKYO	+09
WLG	WELLINGTON	+12
YVR	VANCOUVER	–08

**Based on data as of December 1996.*

CHARACTER LIST

1	(space)	11	J	21	T	31	3
2	A	12	k	22	U	32	4
3	B	13	L	23	V	33	5
4	C	14	M	24	W	34	6
5	D	15	N	25	X	35	7
6	E	16	O	26	Y	36	8
7	F	17	P	27	Z	37	9
8	G	18	Q	28	^	38	t
9	H	19	R	29	1	39	-
10	I	20	S	30	2		